

Mineralization Rates

Type of Waste	1 st Year after Application Fraction Available *	2 nd Year After application Fraction Available
Fresh poultry manure	0.90	0.02
Fresh Swine manure	0.75	0.04
Fresh Cattle manure	0.70	0.04
Fresh Sheep and horse manure	0.60	0.06
Liquid manure, covered tank	0.65	0.05
Liquid manure, storage pond	0.65	0.05
Solid manure, stack	0.60	0.06
Solid manure, open pit	0.55	0.05
Manure Pack, roofed	0.50	0.05
Manure pack, open feedlot	0.45	0.05
Storage pond effluent	0.40	0.06
Oxidation ditch effluent	0.40	0.06
Aerobic lagoon effluent	0.40	0.06
Anaerobic lagoon effluent	0.30	0.06

* If irrigated, reduce 1st year mineralization by 0.05